

(SIPOV, B. K., prof.; YUREVICH, V. M., kand. med. nauk

Problem of anesthesia and reanimation in biliary tract surgery.  
Khirurgiia 38 no. 7:70-78 Ju '62.

(MIRA 15:7)

1. Iz 2-y kafedry klinicheskoy khirurgii (zav. - prof. B. Ye. Osipov) Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

(BILIARY TRACT--SURGERY)

(ANESTHESIA)

YUREVICH, V.M., kand.med. nauk

Proc and comp of fluothane anesthesia. Khirurgija 39 no.7 p 25-33  
Jl '63 (MTRA 16:12)

1. Iz 2-y kafedry klinicheskoy khirurgii (zav. - prof. B.K. Osipov) TSentral'nogo instituta usovershenstvovaniyu vrachey i Vsesoyuznogo nauchno-issledovatel'skogo instituta meditsinskikh instrumentov i oborudovaniya (dir. I.P.Smirnov).

MANEVICH, A.Z.; MIRKEL'SON, V.A.; LEONTOVICH, L.A.; YUREVICH, V.M.

Some problems of the use of artificial respiration in anesthetic  
practice. Trudy 1-go MMI 33:280-287 '64. (MIRA 18:3)

BABIN, V.B.; KOFMAN, I.L.; MANEVICH, A.Z.;  
YUREVICH, V.M.

MIKHEL'SON, V.A.; GORBACHEVA, M.P.;

Comparative evaluation of ether concentration in the blood in pure  
and in combined ether-oxygen anesthesia. Trudy 1-go MMI 33:324-332  
'64. (MIRA 18:3)

YUREVICH, V.M., kand. med. nauk

Asphyxia during anesthesia caused by a faulty endotracheal tube.  
Khirurgija 40 no.7:134 Jl '64. (MIRA 18:2)

1. 2-ya kafedra khirurgii (zav. - prof. B.K. Osipov) TSentral'nogo  
instituta usovershenstvovaniya vrachey, Moskva.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963210008-1

RABINOVICH, N.E.; SOBAKIN, M.A.; YUREVICH, V.M.

Study of frequency changes in the  
ether anesthesia. Nov. med. tekhn.

brain biopotentials during  
no.2:45-51 '64.

(MIRA 18:11)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963210008-1"

YUREVICH, Vladimir Markovich; PEREL'MUTR, Aleksandr Semenovich;  
GOLOGORSKIY, V.A., red.

[Anesthesia and anesthetic apparatus] Narkoz i narkoznye  
apparaty. Moskva, Meditsina, 196?. 219 p.  
(MIRA 18:6)

YUREVICH, V.M.

Attachments for apparatus used in anesthesia and artificial  
pulmonary ventilation. Nov. med. tekhn. no.3:17-25 '65.  
(MIRA 19:1)

OSIPOV, B.K., prof.; MALYSHEV, V.D., kand. med. nauk; MUREVICH, V.M., kand. med. nauk; GUTKINA, Z.L.; GLUKOV, S.A.

Use of the artificial cough machine IK-62 in surgical practice.  
Khirurgija 40 no.7:49-55 Jl '64. (MIRA 12:2)

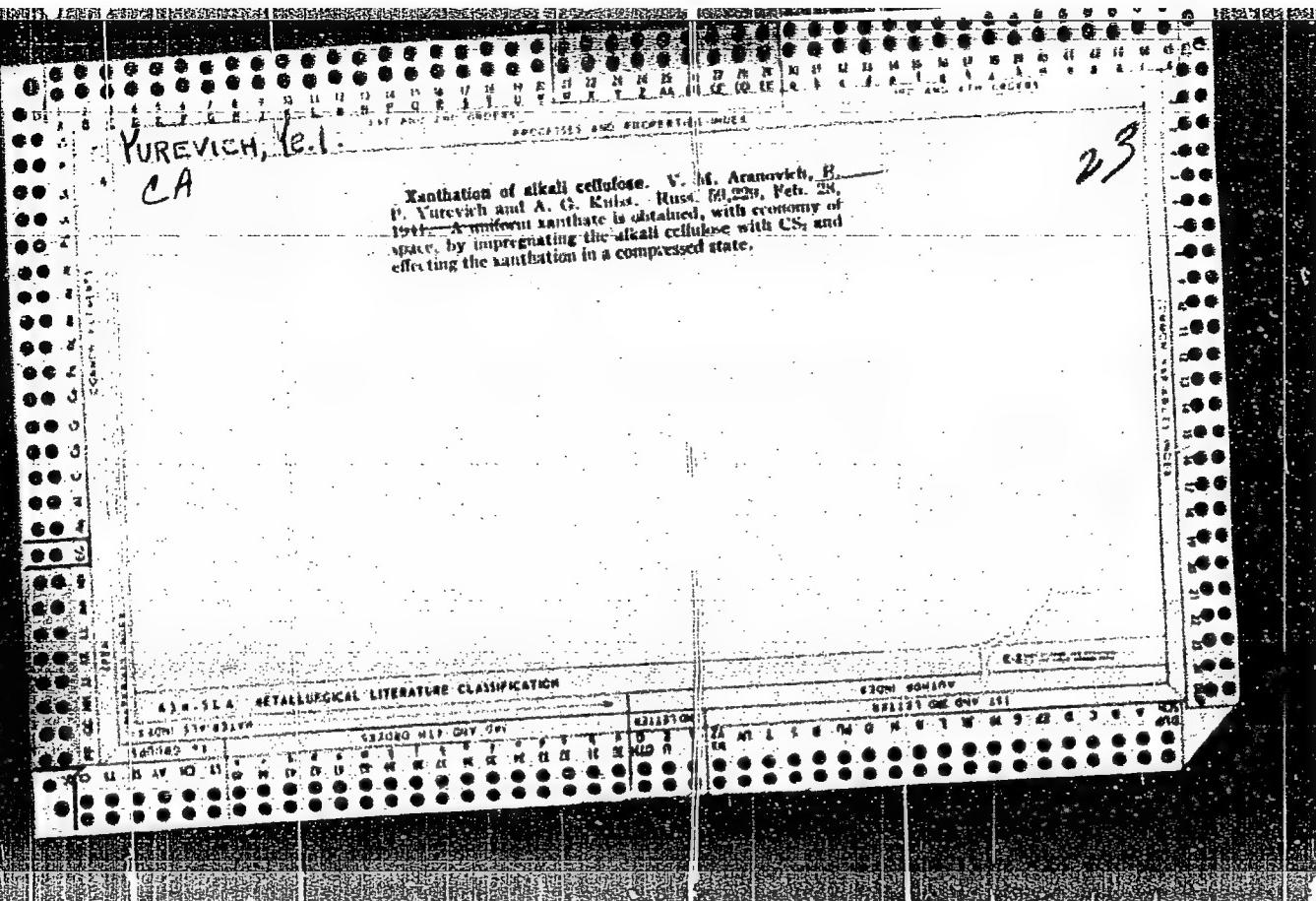
1. 2-ya kafedra klinicheskoy khirurgii (zav. - prof. B.K. Osipov),  
kafedra rentgenologii (zav. - prof. Yu.N. Sokolov) TSentral'nogo  
instituta usovershenstvovaniya vrachey i Vsesoyuznyy nauchno-issle-  
dovatel'skiy institut meditsinskiykh instrumentov i oborudovaniya  
(dir. - I.P. Smirnov), Moskva.

YUREVICH, V.M.; MALYSHEV, V.D.; SHVEDOVA, I.S.

Methodology of artificial pulmonary ventilation in thoracic  
surgery using a special adapter for double intubation tubules.  
Nov. med. tekhn. no.3:45-50 '65. (MIRA 19:1)

YUREVICH, Ya.D.

Reconditioning pairs of car and locomotive wheels. Sakh.prom.  
30 no.1:43-44 Ja '56. (MIRA 9:6)  
(Car wheels--Welding)



631 116 726 728 -21 311 161  
1207. Power and frequency regulation of large power  
systems. B. J. DEMANDEL AND R. J. YNTJEM. *Elec.  
Technica*, 1954, no 2, p. 7.

Investigate the method of regulating the frequency,  
exchange power and time in a large interconnected

power system or grid, based on the phase angle of the  
voltage vector at a given nodal point of the system  
referred to the voltage vector of standard frequency.  
This standard frequency may be propagated from a  
dispatcher's point and the phase angles at generator  
terminals, station busbars, line ends and main  
branching points of the system may be kept constant  
or varied according to the relation between generated  
and exchanged powers. The possibility of using this  
method for regulating the transmitted power is based  
on the well-known relation between the transmitted  
power and the phase difference of the voltage vectors  
at the sending and receiving end, respectively, of a  
line. Particular attention is devoted to clarifying  
transient processes in tie-lines in systems with lumped  
parameters (because the influence of such processes  
in systems with distributed parameters is generally  
negligible), this mainly applying to systems supplied  
by turbo-alternators. The second case considered  
refers to systems in which the elements with distributed  
parameters cannot be neglected during transient  
periods; this applies to hydro-electric stations with  
long penstocks. An experimental arrangement for  
such investigations is described and some results are  
presented.

B. F. KRAIS

YUREVICH, YE. I.

AID P - 1476

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 27/36

Author : Gornshteyn, M. M., Kand. of Tech. Sci.

Title : Power and frequency regulation of large hydroelectric power stations (Letter to the Editors)

Periodical : Elektrichestvo, 2, 75, F 1955

Abstract : The author of the letter refers to an article in this journal No.2, 1954 by B. I. Lomanskiy and Ye. I. Yurevich. This article discusses problems exposed in the author's patent specification for his invention "Arrangement for the maintenance of static and dynamic stability of electric power systems." The author corrects certain inaccurate applications of his method.

Institution: None

Submitted : No date

YUREVICH, Ye.I.

AID P - 3250

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 5/25

Authors : Suchilin, A. M., and Ye. I. Yurevich, Kands. Tech. Sci., Leningrad

Title : Automatic wide-range speed regulation of a d-c motor

Periodical : Elektrichestvo, 9, 23-24, S 1955

Abstract : The author describes a system of automatic speed regulation of a d-c motor within a range of 2200 to 0.8 rpm with an invariable excitation field of the motor. The author used in the tests the following: a 4.2-kw, 2200 rpm motor of the PN-28.5 type; a 4.5-k2 amplidyne of the EMU-50 type; an induction tacho-generator and a vacuum tube amplifier with other apparatus as shown on the connection diagram. The accuracy of regulation obtained was of the order of 10%. The results of the tests were satisfactory. One connection diagram, 3 diagrams.

Elektrichesatvo, 9, 23-24, 8 1955

AID P - 3250

Card 2/2 Pub. 27 - 5/25

Institution : Leningrad Polytechnical Institute im. Kalinin.

Submitted : Mr 3, 1955

*YUREVICH, YE.I.*

112-3-6422

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 3,  
p. 189 (USSR)

AUTHOR: Zakharov, V.B., Yurevich, Ye.I.

TITLE: Automatic Frequency Control System of a Low-Power  
Generator (Sistema avtomaticheskogo regulirovaniya  
chastoty generatora maloy moshchnosti)

PERIODICAL: Tr. Leningr. politekhn. in-ta 1956, Nr 184, pp. 366-369

ABSTRACT: The authors describe an automatic frequency regulator  
for a 200-cps, 14-kva synchronous generator designed to  
supply power to an electric power system analyzer.

G.I.F.

Card 1/1

S/194/62/000/001/025/066  
D201/D305

AUTHORS: Yesin, Yu. F. and Yurevich, Ye. I.

TITLE: Investigating the dynamics of turbine absolute angle control at small deviations from the steady state

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 1, 1962, abstract 1-2-99 v (Nauchno-tekh. inform. byul. Leningr. politekhn. in-t, 1960, no. 12, 72-78)

TEXT: The problems of tuning the regulator and the effect of separate parameters on the control quality are considered for the dynamic controlled operation of a turbine. The results of investigations into the control dynamics of a turbine generator aggregate are given. The value of absolute angle was used in investigations, together with the method of mathematical simulation. The following automatic control systems are analyzed: Primary and secondary astatic control of a turbo-aggregate and the angle control of a hydro-aggregate. It is shown that basic results obtained from analysis of the angle automatic control system of the turbo-aggregate are

Card 1/2

Investigating the dynamics ...

S/194/62/000/001/025/066  
D201/D305

applicable to the hydro-aggregate. 8 figures, 1 reference. / Ab-  
stracter's note: Complete translation.

Card 2/2

S/194/62/000/001/026/066  
D201/D305

AUTHORS:

Bukhtayeva, L. P. and Yurevich, Ye. I.

TITLE:

The influence of the generator transient on the dynamics of absolute angle turbine control

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 1, 1962, abstract 1-2-99 1 (Nauchno-tehn. inform. byul. Leningr. politekhn. in-t, 1960, no. 12, 79-85)

TEXT: The results are given of investigations into the dynamics of angle control of a generating aggregate, connecting to infinite power bus-bars. The effect of transients in the excitation system of the generator was taken into account. The analysis was made in linear approximation, using mathematical simulation. The following problems are analyzed: The effect of the excitation system on the angle turbine. The analysis was made in dynamics of the excitation system of the angle turbine. The following control with transfer of  $\Phi^I$  and  $\Phi^{II}$  angle derivative; the angle turbine from the turbine to the excitation of the generator; corrections

Card 1/2

The influence of ...

S/194/62/000/001/026/066  
D201/D305

angle control with  $\Phi^I$  and  $\Phi^{II}$  corrections simultaneously to both the excitation and the turbine. The analysis of the investigation and recommendations are given. 7 figures. 1 reference. [Abstract's note: Complete translation.]

Card 2/2

29641

S/146/61/004/004/005/015

D235/D306

9.7200

AUTHORS: Dymkov, S.S., Stroganov, R.P., and Yurevich, Ye.I.

TITLE: Investigating a type of non-linear dynamical systems  
with the aid of an electronic simulating devicePERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priboro-  
stroyeniye, v. 4, no. 4, 1961, 27 - 31TEXT: This is a description of an electronic computer for solving  
the equation

$$\frac{d^2x}{dt^2} + a(x) = b(t) \quad (1)$$

with the following conditions

$$x \geq 0; \quad (2a)$$

the derivative  $\frac{dx}{dt}$  changes its value and sign when  $t = t_i$ ,  $x(t_i) = 0$ 

also,  $\frac{dx}{dt} \Big|_{t=t_{i+0}} = - k \frac{dx}{dt} \Big|_{t=t_{i-0}} \quad (2b)$

Card 1/3

1964  
S/146/61/004/004/005/015  
D/35/D306

Investigating a type of non-linear ...

The maximum frequency of changes  $b(t)$  was  $10^5$  1/sec. Coefficient  $k$  varied between 1 and 0. The main assembly of the computer consists of a dc amplifier, three dc integrators and two operational amplifiers. Standard analogue computer techniques were applied. However, three special electronic circuits are described: 1) A switching assembly controlling 4 polarized relays, introduces the conditions imposed on Eq. (1). 2) An indicating assembly which finds and fixes separate critical values of  $x$ . 3) A starting assembly switching the simulator to solving the regime at the time  $t_0$ , where  $t_0$  is the smallest positive root of the equation  $B(t_0) + A(0) = 0$ . The starting assembly eliminates the error in the solution due to deviation of zeros in the integrators between the switching on and the beginning of the solution. The zeros of the amplifiers, the switching assembly and the stabilized self-resonant oscillation frequency should be periodically checked. The error of the simulating device does not exceed 5 - 10 %. There are 4 figures. This article was recommended by the Kafedra avtomatiki i telemekhaniki (Department of Automation and Telemechanics).

X

Card 2/3

Investigating a type of non-linear ...

29641  
S/146/61/004/004/005/015  
D235/D306

ASSOCIATION: Leningradskiy politekhnicheskiy institut im. M.I. Kalinina ( Leningrad Politechnic Institute im. M.I. Kalinin)

SUBMITTED: March 9, 1961

Card 3/3

YUREVICH, YE.I.

AUTHORS:

Stroganov, R.P. and Yurevich, Ye.I.

TITLE:

The application of electronic DC simulation devices in investigation of certain nonlinear dynamic systems

PERIODICAL:

Referativnyy zhurnal. Vychislitel'naya tekhnika i A  
vchislitel'naya tekhnika i A  
LA243 (Dokl. na 4-y Mez  
eniyu fiz. i matem. modelirovaniya v razlichn. otr  
slyakh tekhn. Sb. 2, M)

TEXT:

The authors consider the problems in a number of nonlinear dynamic simulation computing devices, and in particular problems encountered in the design of devices. They give the physical interpretation of a scheme for setting up the equations of motion of a system in a simulator. Since a number of conditions cannot be reproduced

YUREVICH, YE.I.

S/271/63/000/001/016/04?  
D413/D308

electronic DC simulation devices in nonlinear dynamic systems

tomatika, telemekhanika i avt. no. 1, 1963, 44, abstract ivuz. konferentsii po primen. elirovaniya v razlichn. otr., 1962, 315-323)

the solution of oscillation systems by means of DC particular the solution of oscillator and vibration-damping interpretation of the problem and in a simulator. Since a number standard production-type

Cart 1/2

The application of electronic ...

S/271/63/000/001/01G/047  
D413/D308

simulator equipment, they have developed based on parts of the computer amplifiers and including a number of specific modules. They stress that resonance cannot be allowed to arise in a number of devices (e.g. inertial sensors). Curves obtained on the simulator are given for the maximum displacement amplitude of the body as a function of relative frequencies and of the relative amplitude of the resultant perturbing force when the force obeys a sinusoidal law, and separately for the case where a pulsed periodic input is applied to the system. The curves show that in both cases the main resonance occurs at a frequency close to the double natural frequency of the system. Conclusions are made on the accuracy of solutions obtainable on the simulator.

[Abstracter's note: Complete translation.]

Card 2/2

BUYEVICH, V.V. (Leningrad); ODTROUMOV, E.Ye. (Leningrad);  
FORINA, Ye.N. (Leningrad); YUREVICH, Ye.I. (Leningrad)

Simulation of a turbine with intermediate steam superheating  
as an element of the electrodynamic model in an electric  
power system. Izv. AN SSSR. Otd. tekhn. nauk. Energ. i  
transp. no. 3:340-344. My-Je '63. (MIRA 16: 8)

YUHEVICH, Ye.I., kand.tekhn.nauk, dotsent

Static errors in load distribution between electric power plants  
undergoing synchronous time regulation. Izv. vys. ucheb. zav.;  
energ. - 6 no.10:1-8 O '63. (MIRA 16:12)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina.  
Predstavлено кафедройавтоматики и телемеханики.

YUREVICH, Ye.I., dotsent

Conditions of the stability of power systems with angle  
regulation in the large. Izv. vys. ucheb. zav.; energ. 7  
no.2:1-9 F '64. (MIRA 17:3)

1. Leningradskiy politekhnicheskiy institut imeni M.I.  
Kalinina. Predstavlena kafedroy avtomatiki i telemekhaniki.

GLEBOV, I.A.; KASHTELYAN, V.Ye.; NOVITSKIY, V.G.; SIDEL'NIKOV, V.V.;  
SIROTKO, V.K.; MEL'NIKOV, N.A.; LUGINSKIY, Ya.N.; STERNINSON,  
L.D.; YUREVICH, Ye.I.; TSUKERNIK, L.V.

Scientific problems in the field of automatic control and regulation of large electric power systems and their elements.  
Sbor. rab. po vop. elektromekh. no.10:23-40 '63.

(MIRA 17:8)

2007-30	EW	(d) CEP(D-2/EWP(V)/EWP(K)/EWP(B)/EWP(L))	Po-4/Pq-4/Pt-4/Pg-4/Pc-2/
Po-4/Pq-4/Pt-4	L	U.S.S.R. MIA/BC	
LIBRARY REF. NO.	500-927	BOOK EXPLOITATION	
Turavich, Ievgenij Ivanovich			6/
Electromagnetic automatic control devices (Elektromagnitnye avtomatiki)	Mal'cov, Ad'yo "Energiya", 1981, 111 p.	Sayye ustroystva il'yu, bibliogr. 15,000	B+1
copies printed.			
TOPIC TAGS: automatic control system, magnetic amplifier, digital computer, magnetic generator, frequency converter, voltage stabilizer, Hall effect, dielectric amplifier, ferromagnetic film			
PURPOSE AND COVERAGE: This book describes the operating principles and cites the fundamentals in the design of electromagnetic automation equipment. In addition to the basic electromagnetic circuits, discrete action ferromagnetic equipment, magnetic amplifiers, special magnetic elements of digital mathematical equipment, magnetic generators and frequency converters, voltage and current stabilizers, elements using the Hall effect, and magnetic resistance, dielectric amplifiers and relays are examined. The book is a textbook in the course "Electromagnetic Equipment" for the specialities "Automation and Remote Control" and "Electromechanics" of polytechnical institutes.			
TABLE OF CONTENTS (abridged):			
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I-52987-65

ACCESSION NR. A15005927

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Part 2. Ferromagnetic equipment

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Cont. 2/3

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L 52-67-

ACCESSION NR. A85C05917

SUBMITTED: 15Aug61

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NO REF Sov, 012

OTM 21 004

Card 3/3

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CIA-RDP86-00513R001963210008-1"

KASHTELYAN, V.Ye., inzh.; YUREVICH, Ye.I., kand. tekhn. nauk; GERTSENBERG,  
G.R., kand. tekhn. nauk

High-speed regulation of steam turbines improves power system  
stability. Elektrichestvo no.4:1-8 Ap '65. (MIRA 18:5)

1. Institut elektromekhaniki, Leningrad (for Kashtelyan).
2. Leningradskiy politekhnicheskiy institut (for Yurevich).
3. Vsesoyuznyy elektrotekhnicheskiy institut (for Gertsenberg).

YUREZANS'KYI, Volodymyr

TUREZANS'KYI, Volodymyr. Chelovek pobezhdaet. [Moskva] Profizdat, 1948. 137 p.

DLC: TAI436.D6 I8

So: LC, Soviet Geography, Part II, 1951/Unclassified

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963210008-1

YUREZANS'KIY, Volodymyr.

In the city of eternal glory; a sketch about the Stalingrad hydroelectric station.  
Moskva, Molodaia gvardiia, 1951. 46 p. 52-44634

TK1486.875 I 8

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CIA-RDP86-00513R001963210008-1"

ZHOLONDKOVSKIY, O.I.; YURGA, M.F.

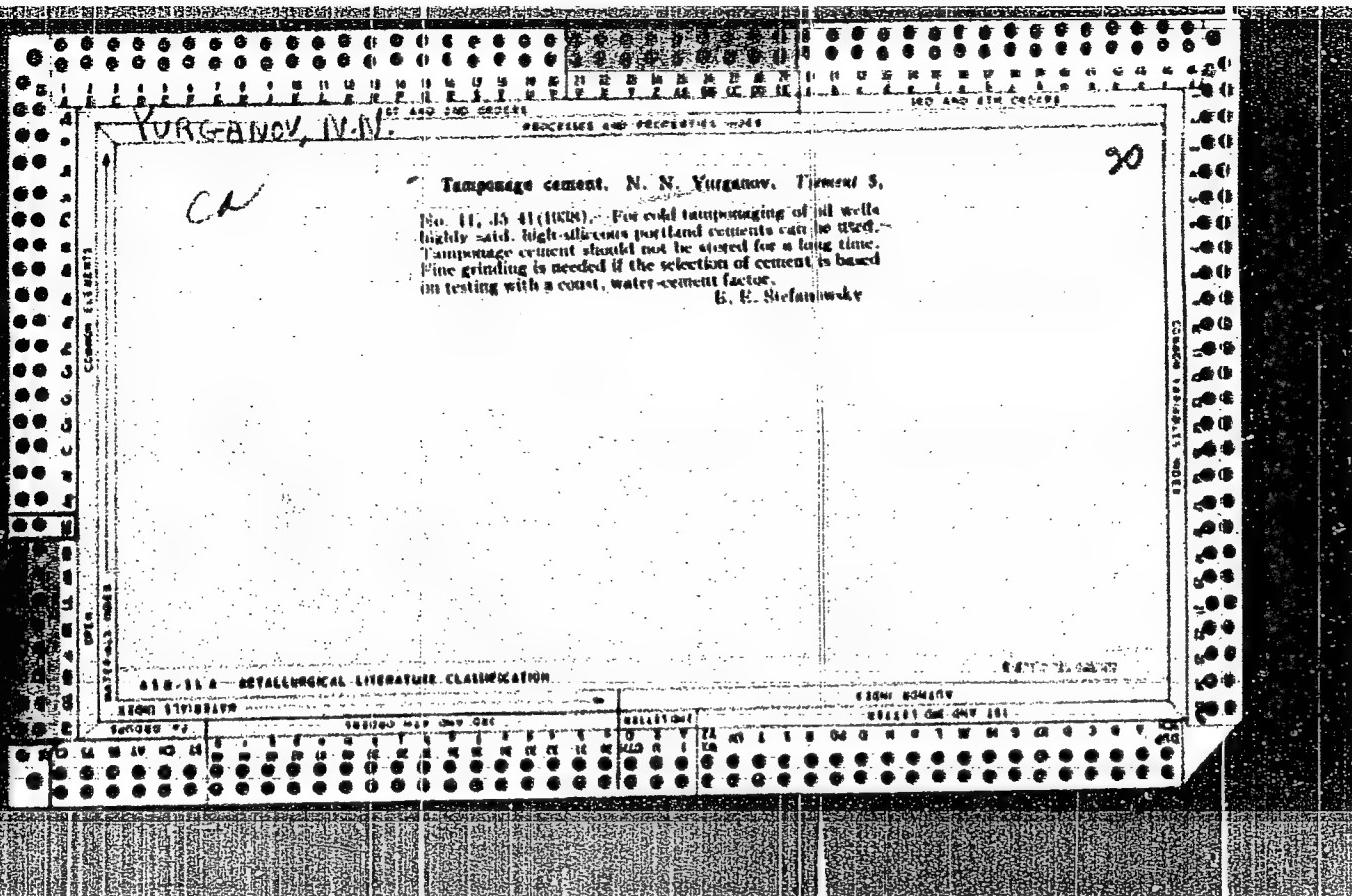
Two-stage cyclone dust collector. Der.prom. 11 no.1:23-24 Ja  
'62. (MIRÁ 15:1)

(Dust collectors)

YURGA, Yu.

Shipyard scaffolding; Gunboat Repair Yard. Inform.sbor. TSMIIMF  
no.26:88-99 '58. (MIRA 13:4)

1. Kanonerakly sudoremontnyy zavod.  
(Shipyards--Equipment and supplies)  
(Scaffolding)



YURGANOV, N. H.

Comprehensive geochemical studies of sedimentary rocks for  
purposes of facies analysis. Trudy VNIGRI no.95:521-529  
'56. (MLRA 9:12)

(Geochemical prospecting) (Geology, Stratigraphic)

VYURGANOV, N.N.

Comparison of the same age deposits in accordance with data geochemical analysis. VNIGRI no.251-260-269 '57.  
(Khabarovsk—Geology, Stratigraphic) (MIRA 11:9)

YURGANOV, N.N.; ZINOV'IEV, A.I.

Apparatus for determining organic carbon in rocks by combustion  
in the furnaces of Mars. Trudy VNIGRI no.123:205-208 '58.  
(MIRA 11:12)

(Rocks---Analysis) (Carbon)

Geokhimičeskiy sbornik, no. 5 (Collected Papers on Geochemistry),  
no. 5) Leningrad, Gostoptekhnizdat, 1958. (Series: Trudy  
VNIGRI, 123). 1000 copies printed.

Ed. I. V. Fedorovich Andreyev; Exec. Ed. L. Ye. Rusakov;  
Tech. Ed. I. M. Gennad'yeva.

PURPOSE: The book is intended for the technical and scientific  
personnel of institutes and TASSL (Central Scientific Research  
Laboratories) of the petroleum industry, and all those interested  
in the geology and geochemistry of petroleum.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963210008-1

YURGANOV, N.N.; ZINOV'IEV, A.I.

Method of analyzing the acid-soluble part of a weighted portion  
of sedimentary rocks. Trudy VNIGRI no.123:209-213 '58.  
(MIRA 11:12)

(Rocks--Analysis)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963210008-1"

ZINOV'IEV, A.I.; YURGANOV, N.N.

Trilonometric determination of the amount of calcium and  
magnesium in natural waters and rocks. Trudy VNIGRI no.123:  
218-223 '58. (MIRA 11:12)  
(Rocks--Analysis) (Calcium) (Magnesium) (Water--Analysis)

YURGANOV, N.N.

Geochemistry of Upper-Middle Miocene clay sediments in  
petroliferous and nonpetroliferous sediments of Sakhalin.  
Trudy VNIGRI no.132:282-294 '59. (MIRA 17:1)

YURGANOV, N.N.; ZINOV'YEV, A.I.; SVERCHKOV, G.P.

Geochemical characteristics of clay-silt deposits of the West Siberian  
Lowland in connection with their petroleum and gas bearing capacities.  
Trudy VNIIGRI no.155:249-269 '60. (MIEA 14:1)

(Siberia, Western—Clay—Analysis)  
(Petroleum geology)

(Gas, Natural—Geology)

YURGANOV, N.N.; ZINOV'YEV, A.I.

The dissolving rate of calcite, dolomite, and magnesite in acids  
of various concentration. Trudy VNIGRI no.155:313-318 '60.

(MIRA 14:1)

(Alkaline earth carbonates) (Solubility)  
(Acids)

YURGANOV, N. N.; FEDULOVA, V. V.

Possibility of producing high-quality cement from alkaline  
raw material. Trudy Giprotsement no. 26:196-199 '63.  
(MIRA 17:5)

PETROV, B.A., kand.tekhn.nauk; MURGANOV, N.N., kand.tekhn.nauk;  
YEL'TSOV, Ye.V., inzh.; BOLDYSHEVA, N.I., inzh.; FRIALAN, L.S.,  
inzh.; SAFONOV, N.A., inzh.

Pneumatic method of feeding into a kiln beyond a continuous  
curtain of dust caught by electric filters. Tsement 30  
no. 2:17-19 Mr-Ap '64. (MIR 17:5)

1. Vsesoyuznyy gosudarstvennyy nauchno-issledovatel'skiy i  
proyektnyy institut tsementnoy promyshlennosti i Vemanzhelinskiy  
tsementno-shifernyy kombinat.

*YURGANOV, N.P.*

USSR/Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour : Referat. Zhurnal Khimiya, No . , 1957, 1895.

Author : N.P. Yurganov.

Inst : All-Union Scientific Research Geological-Prospecting Institute for Mineral Oil.

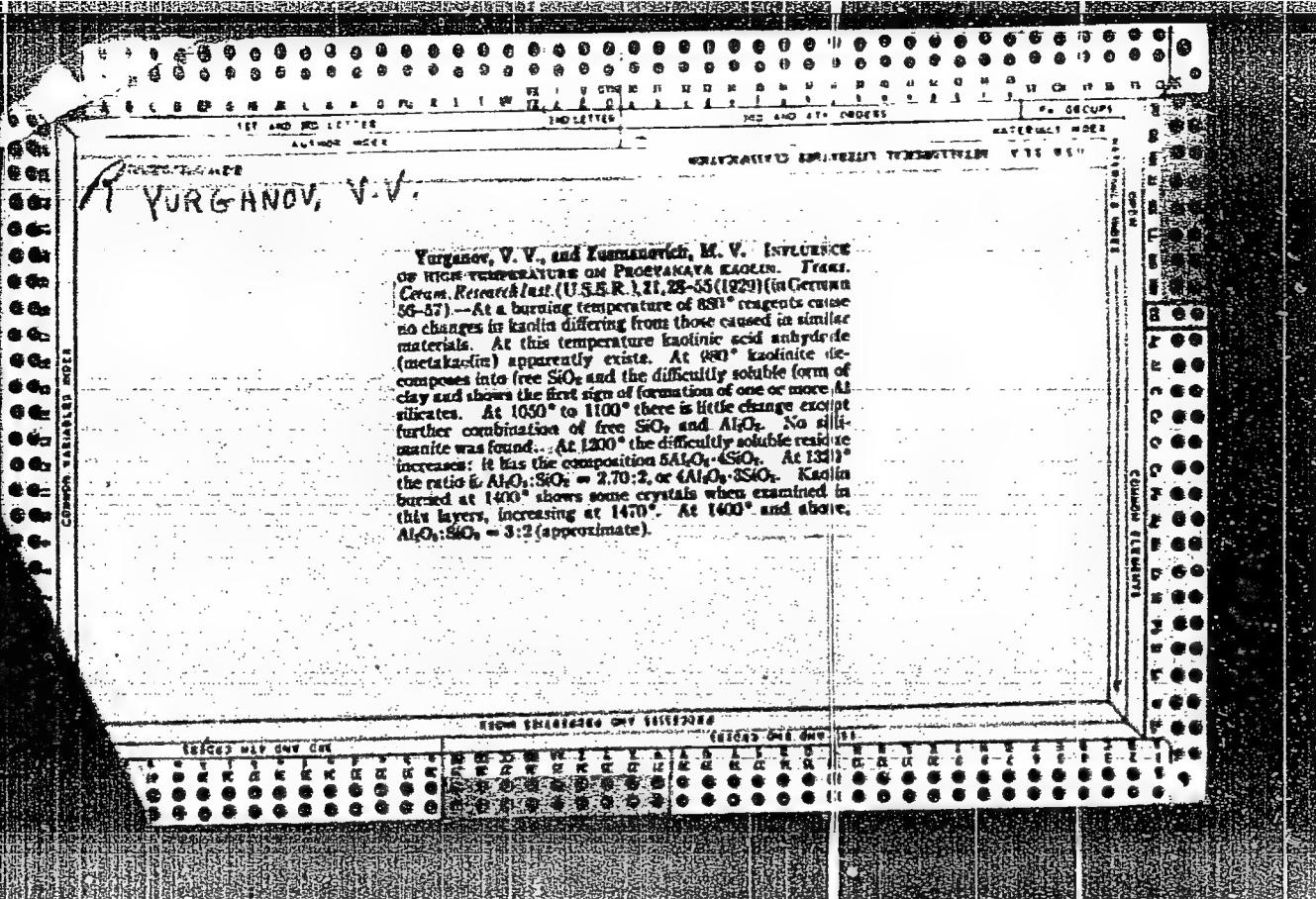
Title : Geochemical Study of Sedimentary Rocks in Region of Katangliyskiy Oil Field in Northern Sakhalin.

Orig Pub : Tr. Vses. Neft. N.-I. Geologo-Pravved. In-ta, 1956,  
No 95, 511-520.

Abstract : The phase analysis of Tertiary deposits in Katangliyskiy region was carried out in accordance with geochemical indications. In the studied cross-section, oil-bearing strata are covered by a small series of argillaceous siltstones referred to the sea phase of the bottom of the Okobykayskaya formation. Coal bearing levels of the Daginskaya formation of the middle Miocene underlay the oil bearing strata. The

Card 1/2

-69-



YURGANOV, N. N., kand. tekhn. nauk; VOLIN, R. A., inzh.

Technical consultation. TSement 29 no.2:22 Mr. Ap '63,  
(MLIA 16:4)

(Materials handling)  
(Cement plants—Equipment and supplies)

YURGANOV, N.N.; SAFONOV, N.A.; FEDULOVA, V.V.

Relation of clinker quality to the return of recovered dust to the kiln.  
TSement 29 no.1:10-11 Ja-F '63.

(MIRA 16:2)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy i  
nauchno-issledovatel'skim rabotam tsementnoy promyshlennosti.  
(Cement clinkers)

AGARKOV, V.; YURGANOV, Yu. (g. Tyumen')

Suggestions of tractor drivers. Izobr.i rats no.44-5 Ap '62.  
(MIRA 15:4)

1. Sovkhoz "Urozhaynyy", Saratovskaya obl. (for Agarkov).  
(Tractors—Technological innovations)

BALITSKIY, K.P., kand.med.nauk; VORONTSOVA, A.L.; PRIDATKO, O.Ye.; SEREBREYANYY,  
S.B., doktor khim.nauk; CHERNETSKIY, V.P., kand.khim.nauk; YURGAJOVA,  
L.G.

Anticancerous action of the preparation neoclide and some of its fractions.  
Vrach.delo no.9:927-930 8 '59. (MIRA 13:2)

1. Laboratoriya kompensatornykh i zashchitnykh funktsiy (rukovoditel' -  
akad. AN USSR R.Ye. Kavetskiy) Instituta fiziologii imeni A.A. Bogomol'tsa AN USSR i laboratoriya organicheskogo sinteza (rukovoditel' -  
akademik AN USSR A.I. Kipriyanov) Instituta organicheskoy khimii AN  
USSR.

(ETHANE)

(CANCER)

SEREBRANYY, S.B.; YURANOVA, L.G.; NEPLYUYEV, V.M.

Synthesis of esters of N( $\epsilon$ )-arylsulfonylamino acids. Part 1.  
Ukr.khim.zhur. 27 no.3:365-369 '61.  
(MIRA 14:11)

1. Institut organicheskoy khimii AN USSR.  
(Arginine)

YURGAYTIS, A.A. [Jurgaitis, A.]

Granulometric and mineralopetrographic composition of sand  
and gravel deposits of northeastern Lithuania. Trudy AN  
Lit. SSR. Ser. B. no. 4:181-197 '65 (MIRA 19:2)

1. Institut geologii i geografii AN Litovskoy SSR. Sub-  
mitted April 16, 1965.

GAYGALAS, A.I. [Gaigalas, A.]; MIKALauskas, A.P.; YURGAYTIS, A.A.  
[Jurgaitis, A.]

Sedimentation cycles and the mineralogical and petrographical  
composition of the Rudiskiai outwash plain (Frankfurt stage)  
as exemplified by the Vaiksteniai outcrop. Trudy AN Lit.SSR.  
Ser. B no.3:189-213 1965.

1. Otdel geografii AN Litovskoy SSR i Institut geologii (g. Vil'nyus).  
Gosudarstvennogo geologicheskogo komiteta SSSR. Submitted February 25,  
1965.

JURKE, B.I.

AUTOMATIC SUBMERGED-ARC WELDING IN CONSTRUCTION. V.S. Volodin and  
E.I. Jurke. (Avtogennoe Delo, 1948, No. 12, pp. 1-4). (In Russian).  
An account is given of the successful introduction of automatic submerged-arc welding for the construction of oil storage tanks on site, and an outline is given of some proposed further applications of this technique. The use of a head with a roller on an insulated spindle was found to be the best method for directing the carriage, and some improvements for the standard designs of these machines are suggested. Welding currents, voltages, electrodes diameters, and rates of feed for metal thicknesses of 4, 5, and 6.5mm. are tabulated. Welds obtained using three different fluxes are compared.

Immediate source clipping

*YURGEL', B.I.*  
YURGEL', Boris Iosifovich; YERSHOV, P.R., redaktor; TIKHOMIROV, A.V.,  
tekhnicheskiy redaktor.

[Assembling machinery of petroleum and natural gas refining  
plants] Montazh oborudovaniia neftegazopererabatyvaiushchikh  
zavodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-  
toplivnoi lit-ry, 1956. 327 p. (MLRA 9:1)  
(Petroleum--Refining) (Gas, Natural--Refining)

YURGEL', B.I., inzh.

Organizational planning in assembling installations for  
petroleum and petrochemical industries. Nov. tekhn. mont. 1  
spets.rab. v stroi. 21 no.4:1-4 Ap '59. (MIRA 12:5)

1. Trest No.7 Glavnftemontazha Minstroya RSR.  
(Petroleum industry--Equipment and supplies)

VERVEYKINA, A.K., inzh.; KOLCHINSKIY, Yu.L., inzh.; NIKOLAEVSKIY,  
Ye.Ya., inzh.; RODIONOVA, R.G., inzh.; RYAPOLOV, A.F., inzh.;  
SOKOL, I.A., inzh.; STERLIN, S.L., inzh.; EYDEL'NANT, L.B.,  
inh.; ORLOV, V.M., kand. tekhn. nauk retsenzent; YURGEL', B.I.,  
inh., retsenzent; FOKIN, V.Ya., inzh., retsenzent; VOLYANSKIY, A.K.,  
red.; MARKOV, I.I., red.; MEL'NIK, V.I., red.; ONKIN, A.K.,  
red.; STAROVEROV, I.G., red.; TUSHNYAKOV, M.D., red.; CHERNOV,  
A.V., red.; SUDAKOV, G.G., red.; IOSELOVSKIY, I.V., red.

[Technological pipings in industrial enterprises] Tekhnologicheskie truboprovody promyshlennnykh predpriyatii. Moskva, Stroizdat. Pt.1. 1964. 784 p. (MIRA 18:9)

YURGEL', B.I., inzh.

Structure of assembly organizations in the Czechoslovakian  
Socialist Republic. Stroi. truboprov. 6 no.4:32-3 of cover  
Ap. '61. (MIRA 14:6)  
(Czechoslovakia--Construction industry)

YURGEL', B.I., inzh.; KHAS, Z.B.

Flow sheet for hoisting vertical apparatus and equipment.  
Mont. i spets. rab. v stroi. 23-27-162. (MIRA 15:6)

1. Glavnoye upravleniya po montazhu oborudovaniya neftyanoy promyshlennosti Ministerstva stroitel'stva RSFSR i Nauchno-issledovatel'skiy institut stroitel'noy promyshlennosti.  
(Hoisting machinery)

SURGEL', B.I., inzh.

Factory manufacture of units of industrial pipelines.  
Stroi. truboprov. 7 no.10:7-9 0 '62.  
(Pipelines) (MIRA 15:11)

MALYSHEV, B.D.; YUR'EV, B.I.

Use of automatic and semiautomatic welding in the assemblage  
of industrial pipelines. Avtom. svar. 15 no. :79-81 Ag '62.  
(MIRA 15:7)

1. Tret' No.7 Glavneftegaz Ministerstva stroitel'stva  
RSFSR.  
(Pipelines—Welding)

VERVEYKINA, A.K., inzh.; KOLCHINSKIY, Yu.L., inzh.; NIKOLAYEVSKIY,  
Ye.Ye., inzh.; RODIONOVA, R.G., inzh.; RYAPOLOV, A.F.,  
inzh.; SOKOL, I.A., inzh.; STERLIN, S.L., inzh.;  
EYDEL'NANT, L.B., inzh.; ORLOV, V.M., kand. tekhn. nauk,  
retsenzent; YURGEL', B.I., inzh., retsenzent; FOKIN, V.Ya.,  
inzh., nauchn. red.; VOLNYANSKIY, A.K., glav. red.; SUDAKOV,  
G.G., zam. glav. red.; IOSELOVSKIY, I.V., red.; MARKOV, I.I.,  
red.; MEL'NIK, V.I., red.; ONKIN, A.K., red.; STAROVEROV,  
I.G., red.; TUSHNYAKOV, M.D., red.; CHERNOV, A.V., red.

[Engineering pipelines for industrial enterprises] Tekhno-  
logicheskie truboprovody promyshlennyykh predpriatii. Mo-  
skva, Stroizdat, 1964. 2 v. (MIRA 17:12)

SHEVCHENKO, A.A., doktor tekhn. nauk; GULYAYEV, G.I., kand. tekhn. nauk;  
YURAEVICH, V.A., moshchiy nauchnyy sotrudnik; KITANENKO, V.P.,  
inzh.; DENGACH, A.Ya., inzh.; ZULAV, I.I., inzh.; KOROBOTCHIK, I.Yu.,  
inzh.

Reduction of stretched thin-walled pipes. Izd. TSNIIOCHM no.4;  
(MIRA 11:5)  
31-33 '58.  
(Pipe) (Rolling (Metallwork))

SOV/137-59-2-4323

Translation from: Referativnyy zhurnal: Metallurgiya, 1959, Nr. 2, p. 284 (USSR)

AUTHORS: Shevchenko, A. A., Gulyayev, G. I., Yurgenas, V. A.

TITLE: Stretch-reducing Operations on Welded Gas Pipes Without Subsequent Trimming of the Thickened Ends (Redutsionnye operatsii po obnaruzheniyu s natyazheniyem svarnykh gazoprovodnykh trub bez posleduyushchey obrezki utolishchennykh kontsov)

PERIODICAL: Byul. nauchno-tehn. inform. Vses. n. trubn. in-t, 1958, Nr 4-5, pp 5-16

ABSTRACT: Stretch-reducing of welded gas pipes (P) from initial dimensions of 60x3.5 and 26.75x75 mm to 48 and 21.25 mm, respectively, was carried out in a two-high reducing stand equipped with individual motors which made it possible to ensure the necessary degree of stretching. Stretch reduction (SR) of the P's was accomplished in oval roll passes, the angular velocity of the rolls being so chosen that stretching by 4% was ensured in each roll stand. A total of four roll passes were calculated: Two roll passes, with an ellipticity of openings equivalent to 1.055 and 1.09, for the SR of P's from 60x3.5 to 48 mm, and two roll passes, with the same ellipticity, for SR of pipes from 26.75x2.75 mm

Card 1/2

SOV/137-59-2-4323

Stretch-reducing Operations on Welded Gas Pipes Without Subsequent (cont.)

to 21.25 mm. Experimental SR operations yielded the following results: 1) Welded gas P's fabricated by the furnace-welding process can be expediently worked by the SR method; 2) basic parameters were established for the operation of SR of welded gas P's in which the trimming of P ends is omitted; 3) it was established that neither the wall thickness and the variations in wall thickness along a transverse section, nor the quality of the weld in the gas P's are affected by the ellipticity of the oval passes; 4) a nine-stand, two-high SR mill with a common drive capable of imparting a 4% elongation to the pipe in each stand was found to be most rational.

Ye. T.

Card 2/2

S/137/60/000/011/025/043  
A005/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No.11, p.136, # 26363

AUTHORS: Shevchenko, A.A., Yurgelenas, V.A.

TITLE: The Intensifying of Tension When Reducing Pipes

PERIODICAL: Tr. Mezhvuz. nauchno-tekhn. konferentsii na temu: "Sovrem. dostizh. prokatn. proiz.-va", Vol. 2, Leningrad, 1959, pp. 270 - 281

TEXT: The tension forces during hot rolling of pipes were determined with the aid of a specially developed and constructed device, which was placed between two heated pipes and passed together with the pipes through a 22-stand reduction mill with individual stand drive. The tension forces were perceived by ohmic resistance pick-ups, mounted in the recess of the device body. Heating of the device was prevented by a water-cooling system.

Ye. T.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

AUTHORS:

Shevchenko, A.A., Yurgelenas, V.A.

TITLE:

Experimental determination of tensile force  
of pipes

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 6  
6D282 ("Byul. nauchno-tekhn. inform. Ukr."  
1959, no. 6-7, 5 - 15)

TEXT:

The authors determined the tensile force on pipes being reduced in hot state on a 22-stand reduction mill from 98 x 3 mm to 76 mm diameter. For this purpose a device was employed which was mounted between 2 heated sleeves, rigidly connected with them and then passed through the reduction mill. This device may be used to measure the tensile force arising from the effect of several stands of the mill during the rolling of short sleeves, and also from the effect of stand no. 1, during the rolling of long sleeves. It is possible to measure the tensile force between the rolling of long sleeves. For the measurements, short sleeves of 300 mm and long sleeves of 1,500 mm were used. During the first experimental measurements the 1,500 mm sleeves were

S/137/61/000/006/040/092  
A006/A101

during hot reduction

1961, 34-35, abstract  
n.-1. trubn. in-t",

Card 1/2

APPR

Experimental determination ...

8/137/51/000/006/040/092  
A006/A101

replaced by shorter ones of 800 mm length, due to the failure of the former sleeves through considerable tensile forces. The sleeves were heated prior to rolling up to 1,100°C; the rolling temperature was 900 - 800°C. The results have shown that the tensile force increases with the number of stands rolling the pipe. The same observations were made on the changes in the magnitude  $H$  of stresses. The  $H$  value is considerably below the  $\sigma_b$  value of the pipe metal. It follows therefrom that no plastic deformations in the shape of the pipe metal occur between the stands. Changes in the wall thickness of the pipes, observed when reduced with  $H$ , take place in the grooves under the action of changes in the rolling procedure.

Yu. Manegin

[Abstracter's note: Complete translation]

Card 2/2

1300

also 1413, 1454

22618

8/137/61/000/003/013/069  
A006/A101

AUTHORS: Shevchenko, A.A., Oulyayev, O.I., Yurgel'nis, V.A., Kitanenko, V.P., Dergach, A.Ya., Zuyev, I.I., Korobochkin, I.Yu.

TITLE: A technology of pipe reduction with tension

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no.3, 1961, 33, abstract 5D266 ("Byul. nauchno-tekhn. inform. Ukr. n.-1, trubn. in-t", no.6 - 7, 1959, 15 - 21)

TEXT: VNITI together with the Yuzhnortrubnyy Plant determined the parameters of pipe reduction with tension, in order to assist the pipe-rolling shops in assimilating the given technology. For the first time pipes of 57x2.75; 50x2.75; 38 x 2.75; and 38 x 2.5 mm with  $\pm 10\%$  tolerance of wall thickness were obtained by hot rolling for the cold drawing shop. The authors investigated and recommended the grooving of rolls of the reduction mill with higher partial deformations.

K. U.

[Abstracter's note: Complete translation.]

Card 1/1

YURGELENAS, V. A. Cand Tech Sci -- "Effect of the [redacted] mode of tension upon the stress[es] and variation of the thickness of pipe walls in continuous [redacted] mordrelless rolling." Dnepropetrovsk, 1960 (Min of Higher and Secondary Specialized Education UKSSR. Dnepropetrovsk Order of Labor Red Banner Metallurgical Inst im I. V. Stalin). (KL, 1-61, 199)

-273-

8/137/62/000/001/084/237  
AC52/A101

AUTHORS: Gulyayev, G.I., Vurgelenas, V.A.

TITLE: Roll calibration and tube drawing in two-, three- and four-roll reducing and sizing mills

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 1, 1962, 32, abstract 11207 (V sb. "Stal'", Moscow, Metallurgizdat, 1961, 335 - 354)

TEXT: Methods of calculating 2-, 3- and 4-roll oval roughing grooves on mandrelless continuous tube rolling mills are given. In all cases the profile is formed in-like manner and can be calculated by the universal formulas with an allowance for the number of rolls forming the groove. Also methods of determining the tube drawing (calculating the relation between the wall thickness of the initial tube and that in the middle part of the ready tube) in the group-drive mills are proposed. An empirical formula is suggested for determining the length of the thickened tube ends, depending on the mean plastic stretch coefficient and the distance between the centers of the working stands. A good agreement of the proposed formulas with the practical data is shown. There are 18 references.

Abstracter's note: Complete translation]  
Card 1/1

Ye. Bukhman

S/137/62/000/001/085/237  
R0513/A101

AUTHORS: Gulyayev, O.I., Yurgelenas, V.A.

TITLE: The change of the mean wall thickness of tubes at a continuous mandrelless rolling without stretching on single-drive mills

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 1, 1962, 32, abstract 11208 (V sb. "Stal'", Moscow, Metallurgizdat, 1961, 373 - 384)

TEXT: An analysis is given of empirical formulas for determining the changes in the mean wall thickness of tube ends at reducing without stretching. The formulas are proposed by Gleyberg, Krayev, Shevchenko, Shveykin and Gun, Kolmogorov and Gleyberg-Bler.

Ye. Bukhman

[Abstracter's note: Complete translation]

Card 1/1

SHEVCHENKO, A.A., doktor tekhn.nauk; GULYAYEV, G.I., kand.tekhn.nauk;  
ANISIFOROV, V.P., kand.tekhn.nauk; ARUTYUNOV, I.G., kand.tekhn.nauk;  
YURGELENAS, V.A., inzh.; FEDIN, V.P., inzh.

Performance of a two-high reduction mill with individual drive.  
Stal' 21 no.3:251-256 Mr '61. (MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut i  
Vsescuzhnyy nauchno-issledovatel'skiy institut metalloobrabotki  
i mashinostroyeniya.  
(Rolling mills)

GULYAYEV, G.I., kand.tekhn.nauk; YURGELENAS, V.A., kand.tekhn.nauk;  
YEROMIN, I.N., inzh.; GALITSKIY, B.M., inzh.; BERGACH, A.Ya.,  
inzh.; KIRVALIDZE, N.S., inzh.; KURILENKO, V.M., inzh.

Potentialities of pipe reduction in automatic pipe mills.

Met.i gornorud.prom. no.5:33-36 S-0 '62. (MIRA 16:1)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut i  
Yuzhnotrubnyy zavod.

(Pipe mills)

USSR / Microbiology. Microbes Pathogenic for Man and Animals. Bacteria. Mycobacteria. Mycobacterium Tuberculosis.  
YURGELIONIS, A.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24131

Author : Jurgelionis, A.

Inst : Not given

Title : Filtrable Forms of Mycobacteria Tuberculosis and Their Pathogenic Significance

Orig Pub : Sveikatos apsauga, 1958, No 2, 21-27

Abstract : No abstract given

Card 1/1

YURGELYANETS, E.N.

Gas composition of underground waters in the western part of the  
Turkmen S.S.R. Trudy VSEGEI 46:424-436 '61. (MIRA 14:11)  
(Turkmenistan-Water, Underground)

YURGEN, L.F. [IUrhen, L.F.], Geroy Sotsialisticheskogo Truda; ZAGNIBIDA, V.D.  
[Zahnybida, V.D.], agronom; MOISEYENKO, O.M. [Moiseienko, O.M.],  
mekhanik

Improve the quality of agricultural machinery. Mekh. sil'. hosp.  
14 no.6:18-19 Je '63. (MIRA 17:3)

1. Predsedatel' kolkhoza im. Tel'mana, Mariinskiy rayon  
Donetskoy oblasti (for Yurgen).

LETOKHOV, V.S.; VATSURA, V.V.; PUKHLIK, Yu.A.; FEDOTOV, D.I.; KOSOZHIKHIN,  
A.S.; ZHABOTINSKIY, M.Ye.; DASHEVSKAYA, Ye.I.; KOZLOV, A.N.;  
RUVINSKIY, L.G.; VASIN, V.A.; YURGENEV, I.S.; NOVOMIROVA, I.Z.;  
PETROVA, G.N.; SHCHEDROVITSKIY, S.S.; BELYAYEVA, A.A.; BRYKINA,  
L.I.; GLEBOV, V.M.; DRONOV, M.I.; KONOVALOV, M.D.; TARAPIN, V.N.;  
MIKHAYLOVSKIY, S.S.; ZHEGALIN, V.G.; ZHABIN, A.I.; GRIBOV, V.S.;  
MAL'KOV, A.P.; CHERNOV, V.N.; RATNOVSKIY, V.Ya.; VOROB'YEVA, L.M.;  
MILOVANOVA, M.M.; ZARIPOV, M.F.; KULIKOVSKIY, L.F.; GONCHARSKIY,  
L.A.; TYAN-KHAK SU

Inventions., Avtom. i prib. no.l:78-80 Ja-Mr '65.

(MIRA 18:8)

GOLUBEV, A.G.; STEPANOVA, V.N.; YURGENEV, L.S.

Gas-heated, single-retort gas generator. Avt. prom. 27 no. 4:42  
Ap '61. (MIRA 14:4)

1. Nauchno-issledovatel'skiy tekhnologicheskiy institut  
avtomobil'noy promyshlennosti.  
(Gas producers)

YURGENKOV, N. I. (?)

KOZKO, A. I., inzh.; MELIK-STEPANOVA, A.G., inzh.; YURGENKOV, N.I., inzh.;  
ZAYTSEVA, Ye.I., inzh.; SENATOROVA, Ye.A., inzh.

Investigating Novovolynskii deposit coals. Obog.i brik.ugl.  
no. 12:17-29 '59. (MERA 13:6)  
(Lvov-Volyn' Basin--Coal)

TURGENS, A.A. [deceased]

Methods for preparing stable high-resistance resistors. Trudy  
VNIIM no.1:116-130 '47. (MIRA 11:11)  
(Electric resistors)

JURGENS, V.E.

Osnovy samoletostroenija i podgotovka prizvodstva. Moskva, Oborongiz, 1943,  
135 p., illus., diagrs. (Tekhnologija samoletostroenija, kn. 1)

Bibliography at end of chapters 2 and 3.

Title tr.: Fundamentals of aircraft construction and tooling for production

TL671.28.1 88

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
Congress, 1955

URGENS, V. F.

The fundamentals of aircraft construction and preparations for production  
Moskva, Gos. izd-vo obor. promyshl., 1943. 135 p. (tekhnologiya samoletostroeniia,  
kn. 1) (48-37132)

TL671.28.I88

1. Aeroplanes - Design and construction. 2. Aeroplane industry and trade.

RAZUMIKHIN, M.I.; YUGEN'S, V.F., professor, redaktor; RUMYANTSEVA, M.S.,  
redaktor; ZUDAKH, I.M., tekhnicheskiy redaktor.

[Assembling units and assemblies of riveted aircraft structural parts]  
Sbornik uslov i agregatov klepanykh konstruktsii. Pod red. V.F. Urgensaa.  
Moskva, Gborongiz, Glav. red. aviationsionnoi lit-ry, 1946, 240 p. (Tekh-  
nologiya samoletostroeniia, vol. 3) (MLR 8:2)  
(Airplanes--Design and construction)

SOV/3-59-3-9/48

22(1)

AUTHORS: Korneyev, N.I., Professor; Pobedonostsev, Yu.A.; Yurgenas, V.F. - all Doctors of Technical Sciences; Kobzarev, A.A.; Levin, V.R. and Urmin, Ye.V. - all Professors; Abiants, V.Kh. and Merkulov, I.A. - both Candidates of Technical Sciences

TITLE: Our Readers Suggest (Nashi chitateli predlagayut)

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 3, pp 24-25 (USSR)

ABSTRACT: Industrial academies existed in the USSR until 1956. Their principal task was to raise the qualifications of the leading engineers of industry. Because of serious shortcomings they were liquidated and the Ministry of Higher Education was instructed to work out another, better system of training leading engineers. As no steps have been made in this direction so far, the authors believe that industrial academies should be reestablished. The term of training must not exceed 1 year, and for some categories of students it may even be reduced to 3 or 4 months.

Card 1/2

TURDENS, Yuf.

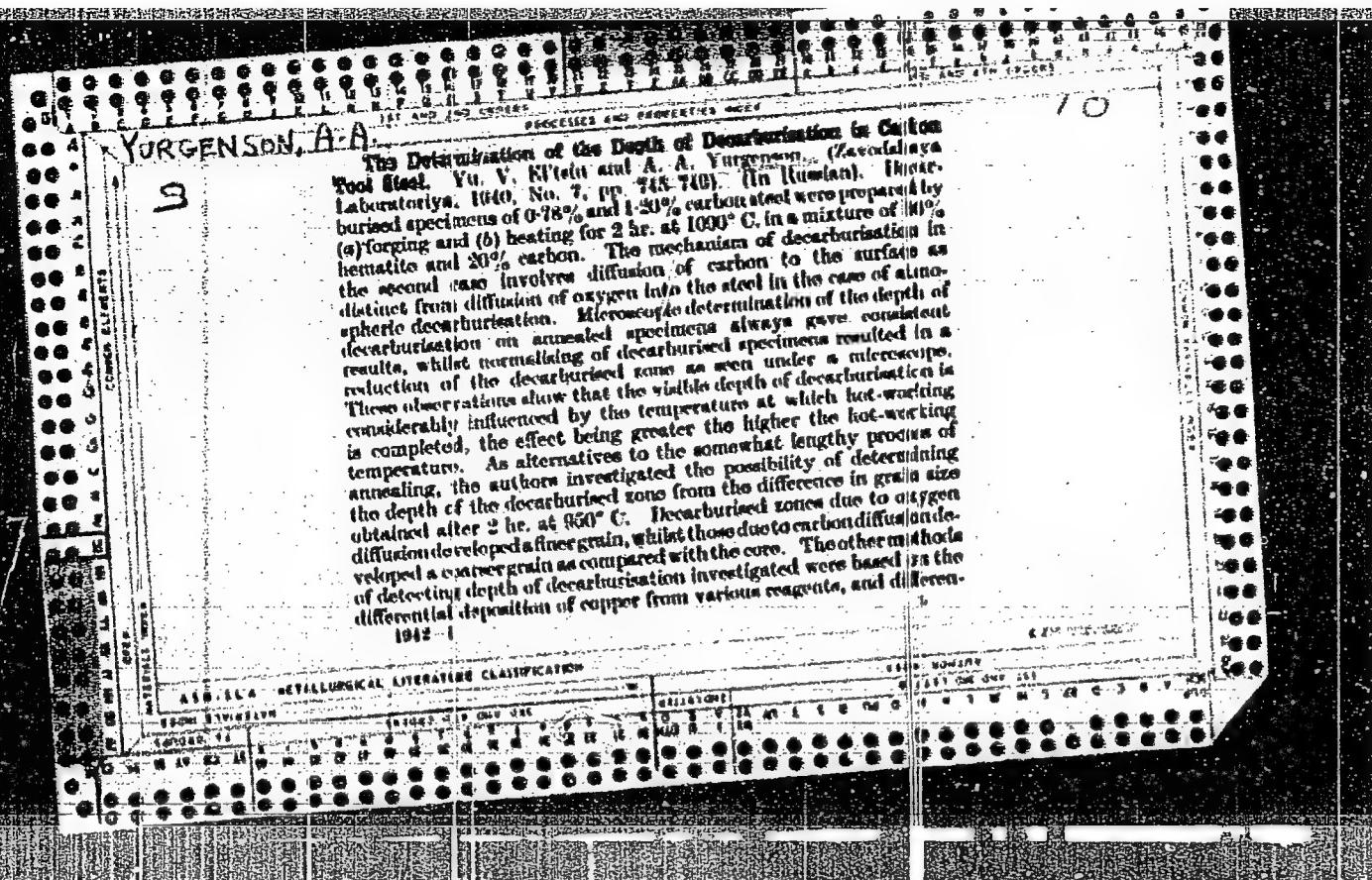
Improve the cultural and educational work among petroleum workers.  
Neftianik l no.1:34 Ja '56. (MIRA 9:7)

1.Zaveduyushchiy kul'turno-massovym otdelom General'nogo komiteta  
profsoyuza rabochikh neftyanoy promyshlennosti.  
(Petroleum workers)

*JURGENS, Yu. T.*

SAAKOV, Mikhail Artem'yevich; VELIYEV, Sattar Kamedovich; JURGENS, Yu.T.  
redaktor; NIKITENKO, A.A., vedushchiy redaktor; POLOSIKA, A.S.,  
tekhnicheskiy redaktor

[Competition between petroleum workers of two republics] Sorevnova-  
nie neftianikov dvukh respublik. Moskva, Gos.nauchno-tekhn.izd-vo  
neft. i gorno-teplivnoi lit-ry, 1957. 74 p. (MIRA 10:7)  
(Petroleum industry)



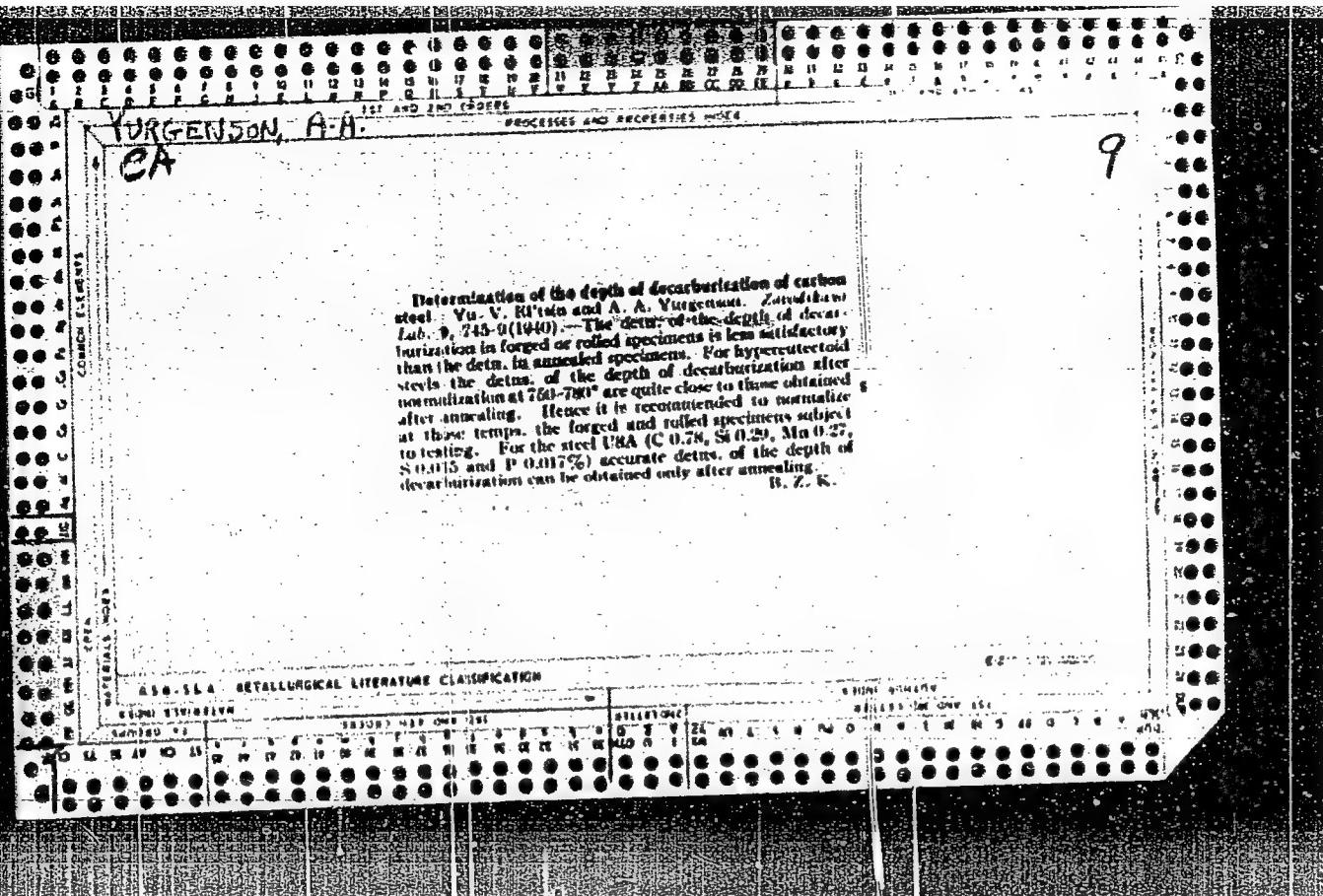
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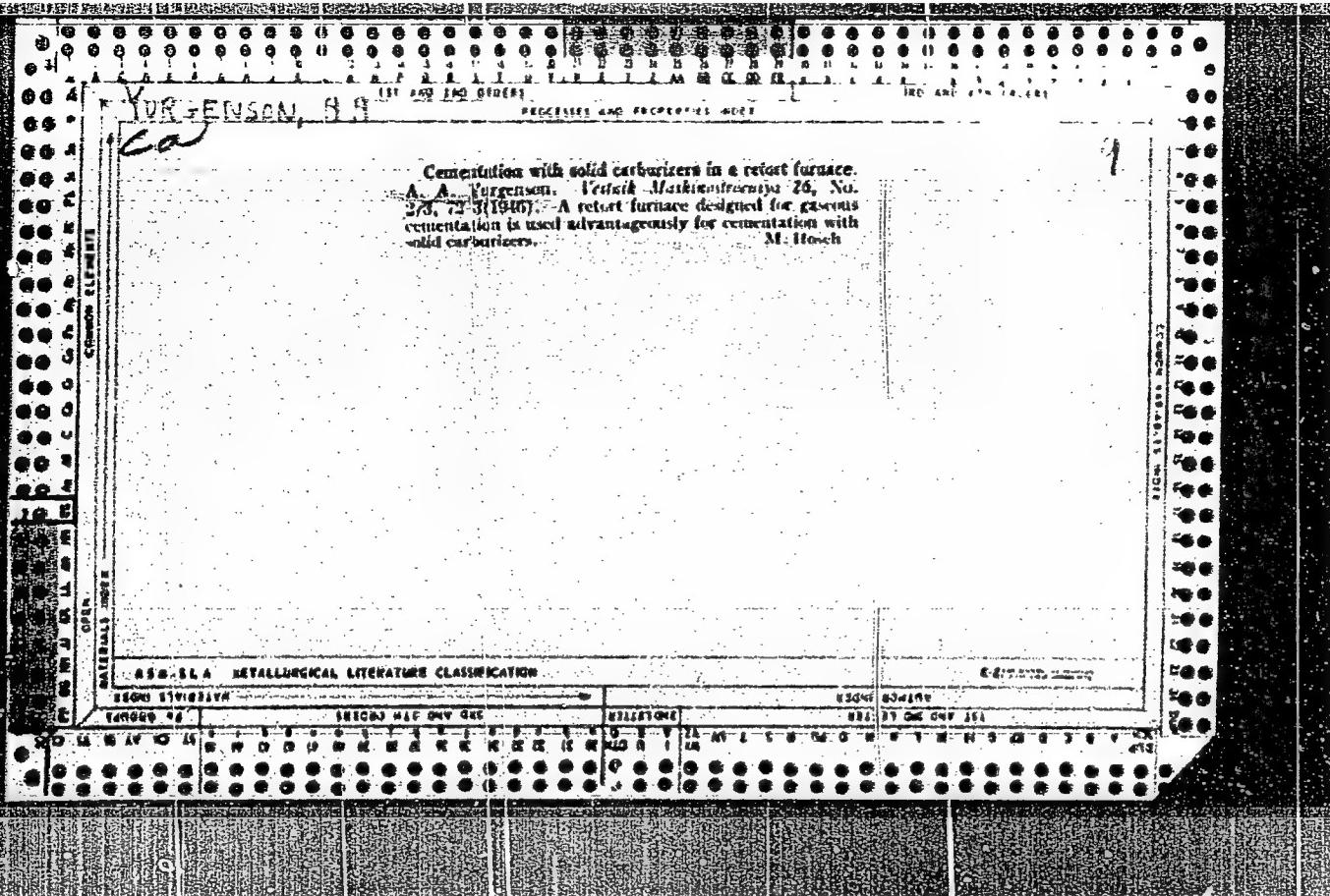
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trial rates of oxidation (formation of temper colours) of the clear  
burned and unburned zones.

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YURGENSON, A. A.

PA 53T83

USSR/Metals

Feb 1947

Steel, High-Speed  
Carburization

"Nitrocementation of High-Speed Steel," A. A. Yurgen-  
son, 6 pp

"Trudy Tsentr Orden Lenin Nauch Issled Inst" No 2

Process consists of simultaneous treatment of steel  
surface with nitrogen and carbon. Two methods: 1)  
with high temperatures nitrocementation produces con-  
struction grade steel, 2) with low temperature nitro-  
cementation produces instrument grade steel. Briefly  
describes equipment and procedure.

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Preventing cracking in welded cutting tools. Stan. i instr. 26  
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(Cutting tools)

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In their article, "On the Reduction of the Brittleness of Nitrided Layers of 38KhMYuA Steel," Engineers A. A. Yurgenson and T. M. Fogrebetskaya, of the Sverdlov Turbomotor Plant, present the procedures and results of a study of the optimal conditions of heat treatment recommended by N. A. Fertik in Metallovedeniye i Obrabotka Metallov, No 1, 1955, and Zavodskaya Laboratoriya, No 2, 1955 for brittleness reduction of nitrided steel layers. The experiments were carried out at the Sverdlov Turbomotor Plant.

Preliminary heat treatment of pipe billets of 38KhMYuA steel consisted of quenching at  $920^{\circ} \pm 10^{\circ}\text{C}$  with cooling in water and followed by tempering at  $630^{\circ} - 640^{\circ}\text{C}$  with cooling in air.

Sleeves of a block were nitrided as follows:

Heat up to  $510^{\circ} \pm 5^{\circ}\text{C}$ ;

Soak at  $510^{\circ} \pm 5^{\circ}\text{C}$  and with a degree of dissociation of ammonia of no more than 35% in the course of 18 hours;

Heat up to  $540^{\circ} \pm 5^{\circ}\text{C}$ ;

Soak at  $510^{\circ} \pm 5^{\circ}\text{C}$  and with a degree of dissociation of ammonia of not more than 65% in the course of 38-45 hours;

Cool down to  $250^{\circ}\text{C}$  under a current of ammonia or of waste (exhaust) gas.